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1. An optical probe with a self-cleaning sampling window, comprising:
  - 2 a probe body having a window with a surface oriented toward a sample under investigation;
  - 4 a sampling beam carrying wavelengths representative of the sample into the probe body through the window for analysis;
  - 6 a conduit carrying a fluid to the surface oriented toward the sample; and a structure operative to flood the window with the fluid.

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2. The optical probe of claim 1, wherein the wavelengths are representative of Raman spectra.

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3. The optical probe of claim 1, wherein:
  - 2 the structure further includes an aperture through which the sampling wavelengths pass; and
  - 4 at least a portion of the fluid passes through the aperture to ensure that the sample under investigation does not reach the window.

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4. The optical probe of claim 1, wherein the fluid is a solvent.

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5. The optical probe of claim 1, wherein the fluid is a liquid.

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6. The optical probe of claim 1, wherein the fluid is a gas.
  
7. The optical probe of claim 1, wherein the fluid enters into the sample  
2 under investigation after flooding the window.

